

Case Docket No. MVMDINC.019A

Date: August 5, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)

Frazier et al.

Appl. No.

10/771,845

Filed

February 4, 2004

For

PATENT FORAMEN OVALE

CLOSURE SYSTEM

Examiner

Unknown

Group Art Unit:

3761

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

August 5, 2004
(Date)

Salving H Lee, Reg. No. 93,745

TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing two hundred thirty-four (234) references; enclosing forty-four (44) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Sabing H. Lee

Registration No. 43,745 Attorney of Record

Customer No. 20,995

(949) 760-0404

INFORMATION DISCLOSURE STATEMENT

Applicant

Frazier et al.

App. No.

: 10/771,845

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PATENT FORAMEN OVALE CLOSURE

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Unknown

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 234 references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: August 5, 2004

By:_

Sabing H. Lee

Registration No. 43,745

Attorney of Record

Customer No. 20,995

(949) 760-0404

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY.	DOCKET NO	
MVM	DINC.019A	

APPLICATION NO. 10/771,845

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT Frazier et al.

FILING DATE

GROUP 3761

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U.S. PATENT DOCUMENTS

February 4, 2004

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	2,570,465	02/09/51	Lundholm			
	2	3,123,077	08/13/56	Alcamo			
	3	3,124,136	03/10/64	Usher			
-	4	3,166,072	01/19/65	Sullivan, Jr.			
·	5	3,646,615	03/07/72	Nees			
-	6	3,716,058	07/17/70	Tanner, Jr.			
	7	3,874,388	04/01/75	King et al.			
	8	3,892,232	07/01/75	Neufeld			
	9	4,006,747	02/08/77	Kronenthal et al.			
	10	4,007,743	02/15/77	Blake			
	11	4,060,089	11/29/77	Noiles			
	12	4,532,926	08/06/85	O'Holla			
	13	4,669,473	06/02/87	Richards et al.			
	14	4,688,561	08/25/87	Reese			
	15	4,781,177	11/01/88	Lebigot			
	16	4,836,204	06/06/89	Landymore et al.			
	17	4,873,976	10/17/89	Schreiber			
	18	4,884,572	12/05/89	Bays et al.			
	19	4,895,148	01/23/90	Bays et al.			
	20	4,917,089	04/17/90	Sideris			
	21	4,924,865	05/15/90	Bays et al.			
	22	4,935,028	06/19/90	Drews			···
	23	4,976,715	12/11/90	Bays et al.			
	24	5,013,316	05/07/91	Goble et al.			
	25	5,021,059	06/04/91	Kensey et al.			
	26	5,053,047	10/01/91	Yoon			
	27	5,059,206	10/22/91	Winters			

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GROUP FILING DATE February 4, 2004 3761

				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	28	5,085,661	02/04/92	Moss			
	29	5,102,421	04/07/92	Anspach, Jr.			
	30	5,108,420	04/28/92	Marks			
	31	5,129,906	07/14/92	Ross et al.			
-	32	5,171,259	12/15/92	Inoue			
	33	5,192,301	03/09/93	Kamiya et al.			
-	34	5,203,864	04/20/93	Phillips			
	35	5,236,431	08/17/93	Gogolewski et al.			
	36	5,246,441	09/21/93	Ross et al.			
	37	5,254,133	10/19/93	Seid			
	38	5,258,000	11/02/93	Gianturco			
	39	5,261,914	11/16/93	Warren			
	40	5,284,488	02/08/94	Sideris	<u> </u>		
	41	5,334,217	08/02/94	Das	ļ		
	42	5,342,393	08/30/94	Stack			
	43	5,350,399	09/27/94	Erlebacher et al.	<u> </u>		
	44	5,356,432	10/18/94	Rutkow et al.	<u> </u>	-	
	45	5,380,334	01/10/95	Torrie et al.			
	46	5,397,331	03/14/95	Himpens et al.			
	47	5,400,805	03/28/95	Warren			
	48	5,425,744	06/20/95	Fagan et al.			
	49	5,433,727	07/18/95	Sideris			
	50	5,451,235	09/19/95	Lock et al.			
	51	5,470,337	11/28/95	Moss			
	52	5,486,193	01/23/96	Bourne et al.			
	53	5,505,735	04/09/96	Li			

EXAMINER	DATE CONSIDERED

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APPLICANT Frazier et al.

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				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	54	5,507,811	04/16/96	Koike et al.			
	55	5,562,704	10/08/96	Tamminmaki et al.			
	56	5,578,045	11/26/96	Das			
	57	5,601,571	02/11/97	Moss			
	58	5,620,461	04/15/97	Muijs et al.			
	59	5,634,936	06/03/97	Linden et al.			
	60	5,643,317	07/01/97	Pavcnik et al.			
	61	5,662,681	09/02/97	Nash et al.			
•	62	5,702,421	12/30/97	Schneidt			
	63	5,709,707	01/20/98	Lock et al.			
	64	5,725,552	03/10/98	Kotula et al.			
···	65	5,728,116	03/17/98	Rosenman			
	66	5,733,294	03/31/98	Forber et al.			···
	67	5,741,297	04/21/98	Simon			
	68	5,792,179	08/11/98	Sideris			
4.000	69	5,797,960	08/25/98	Stevens et al.			
	70	5,810,846	09/22/98	Virnich et al.			
	71	5,823,956	10/20/98	Roth et al.			
	72	5,827,298	10/27/98	Hart et al.			
	73	5,829,447	11/03/98	Stevens et al.			
	74	5,843,084	12/01/98	Hart et al.			
· · · · · · · · · · · · · · · · · · ·	75	5,846,261	12/08/98	Kotula et al.			
-	76	5,853,422	12/29/98	Huebsch et al.			
	77	5,855,614	01/05/99	Stevens et al.			
-	78	5,860,948	01/19/99	Buscemi			
	79	5,861,003	01/19/99	Latson et al.			

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FILING DATE February 4, 2004 GROUP 3761

				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE
	80	5,879,366	03/09/99	Shaw et al.			
	81	5,893,850	04/13/99	Cachia			
	82	5,904,703	05/18/99	Gilson			
	83	5,919,200	07/06/99	Stambaugh et al.			
	84	5,944,738	08/31/99	Amplatz et al.			
	85	5,947,997	09/07/99	Pavcnik et al.			
	86	5,976,174	11/02/99	Ruiz			
	87	5,980,524	11/09/99	Justin et al.			
	88	6,024,756	02/15/00	Huebsch et al.			
	89	6,059,823	05/09/00	Holman et al.			
	90	6,077,281	06/20/00	Das			
-	91	6,077,291	06/20/00	Das			
	92	6,079,414	06/27/00	Roth ,			
	93	6,080,182	06/27/00	Shaw et al.		·	
	94	6,087,552	07/11/00	Gregory			
·	95	6,096,052	08/01/00	Callister et al.			
	96	6,106,532	08/22/00	Koike et al.			
	97	6,110,212	08/29/00	Gregory			
	98	6,123,715	09/26/00	Amplatz			
	99	6,152,144	11/28/00	Lesh et al.			
	100	6,156,055	12/05/00	Ravenscroft			
	101	6,171,329	01/09/01	Shaw et al.			
	102	6,174,322	01/16/01	Schneidt			
	103	6,190,400	02/20/01	Van de Moer et al.			
	104	6,200,336	03/13/01	Pavcnik et al.			
	105	6,206,895	03/27/01	Levinson			

	
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY, DOCKET NO. MVMDINC.019A

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APPLICANT Frazier et al.

(USE SEVERAL SHEETS IF NECESSARY)

GROUP FILING DATE February 4, 2004 3761

				U.S. PATENT DOCUMENTS		٠	
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	106	6,206,907	03/27/01	Marino et al.			
	107	6,210,338	04/03/01	Afremov et al.			
	108	6,214,029	04/10/01	Thill et al.			
	109	6,221,092	04/24/01	Koike et al.			
•	110	6,231,561	05/15/01	Frazier et al.			
	111	6,231,589	05/15/01	Wessman et al.			
-	112	6,238,416	05/29/01	Sideris			
-	113	6,241,747	06/05/01	Ruff			
-	114	6,245,079	06/12/01	Nobles et al.			
	115	6,270,515	08/07/01	Linden et al.			
	116	6,277,140	08/21/01	Ginn et al.			
	117	6,280,460	08/2801	Bolduc et al.			
	118	6,290,674	09/18/01	Roue et al.	<u> </u>		
	119	6,290,702	09/18/01	Fucci et al.			
	120	6,296,641	10/02/01	Burkhead et al.			
	121	6,299,597	10/09/01	Buscemi et al.			
	122	6,306,177	10/23/01	Felt et al.			
	123	6,312,446	11/06/01	Huebsch et al.			
	124	6,319,263	11/20/01	Levinson			
	125	6,319,270	11/20/01	Grafton et al.			
	126	6,319,276	11/20/01	Holman et al.			
	127	6,322,563	11/27/01	Cummings et al.			
	128	6,328,727	12/11/01	Frazier et al.			
	129	6,334,864	01/01/02	Amplatz et al.			
	130	6,342,064	01/29/02	Koike et al.			
	131	6,346,074	02/12/02	Roth			

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February 4, 2004 3761

				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	132	6,348,053	02/19/02	Cachia			
	133	6,355,052	03/12/02	Neuss et al.			
•	134	6,368,339 B1	04/09/02	Amplatz			
	135	6,379,368	04/30/02	Corcoran et al.			
,	136	6,391,048	05/21/02	Ginn et al.		!	
	137	6,419,669	07/16/02	Frazier et al.			
	138	6,440,152	08/27/02	Gainor et al.			
	139	6,458,100	10/01/02	Roue et al.			
	140	6,461,364	10/08/02	Ginn et al.			
	141	6,468,303	10/22/02	Amplatz et al.			
	142	6,517,564	02/11/03	Grafton et al.			
	143	6,533,762	03/18/03	Kanner			
	144	6,537,300	03/25/03	Girton			
	145	6,551,343	04/22/03	Tormala et al.			
	146	6,551,344	04/22/03	Thill			
	147	6,569,188	05/27/03	Grafton et al.			
	148	6,596,014	07/22/03	Levinson et al.			
·	149	6,626,917	09/30/03	Craig			
	150	6,632,238	10/14/03	Ginn et al.			
	151	6,635,066	10/21/03	Tanner et al.			,
	152	6,645,225	11/11/03	Atkinson			
	153	6,656,206	12/02/03	Corcoran et al.			
	154	6,695,867	02/24/04	Ginn et al.			
	155	6,702,835	03/09/04	Ginn			
	156	6,719,777	04/13/04	Ginn et al.			
	157	2001/0014800	08/16/01	Frazier et al.			

EXAMINER	DATE CONSIDERED

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. MVMDINC.019A

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APPLICANT Frazier et al.

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FILING DATE **GROUP** February 4, 2004 3761

				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	158	2001/0021872	09/13/01	Bailey et al.			
	159	2001/0023332	09/20/01	Hahnen			
	160	2001/0031973	10/18/01	Nobles et al.			
	161	2001/0034537	10/25/01	Shaw et al.			
	162	2001/0037129	11/01/01	Thill	:		
	163	2001/0039434	11/08/01	Frazier et al.			
	164	2001/0039435	11/08/01	Roue et al.			
	165	2001/0039436	11/08/01	Frazier et al.			
	166	2001/0039450	11/08/01	Pavcnik et al.			
	167	2001/0041914	11/15/01	Frazier et al.			
	168	2001/0041915	11/15/01	Roue et al.			
	169	2001/0049492	12/06/01	Frazier et al.			·
	170	2002/0055767	05/09/02	Forde et al.			
	171	2002/0068950	06/06/02	Corcoran et al.			
	172	2002/0165574 A1	11/07/02	Ressemann et al.			
	173	2002/0165598 A1	11/07/02	Wahr et al.			
	174	2002/0169475	11/14/02	Gainor et al.			
	175	2002/0183786	12/05/02	Girton			
	176	2002/0183787	12/05/02	Wahr et al.			
	177	2002/0198563	12/26/02	Gainor et al.			
	178	2003/0023262	01/30/03	Welch			
	179	2003/0028213	02/06/03	Thill et al.			
	180	2003/0045893	03/06/03	Ginn			
	181	2003/0050600 A1	03/13/03	Ressemann et al.			
	182	2003/0050665	03/13/03	Ginn			
	183	2003/0055455	02/20/03	Yang et al			

EXAMINER	DATE CONSIDERED

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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	. U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)		
	184	2003/0144694 A1	07/31/03	Chanduszko et al.					
	185	2003/0191495 A1	10/09/03	Ryan et al.					
	186	2003/0208232 A1	11/06/03	Blaeser et al.					
}	187	2003/0225421 A1	12/04/03	Peavey et al.					
-	188	2004/0039414 A1	02/26/04	Carley et al.					
	189	2004/0073236 A1	04/15/04	Carley et al.					
	190	2004/0073242 A1	04/15/04	Chanduszko					

	FOREIGN PATENT DOCUMENTS								
EXAMINER		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION	
INITIAL							YES	NO	
	191	EP 0 317 406 A1	04/24/89	Europe					
	192	EP 0 362 113	04/04/90	Europe					
	193	EP 0 474 887	03/18/92	Europe					
	194	EP 0 541 063	05/12/93	Europe					
	195	EP 0 545 091	06/09/93	Europe					
	196	EP 0 632 999 A1	01/11/95	Europe					
	197	EP 0 655 222	05/31/95	Europe					
	198	EP 0 793 457	09/10/97	Europe					
	199	EP 0 876 793	11/11/98	Europe					
	200	EP 1 046 375	10/25/00	Europe					
	201	EP 1 214 911	06/19/02	Europe					
	202	EP 1 281 355 A2	02/05/03	Europe					
	203	FR 1 317 354	01/02/63	France					
	204	GB 2 269 321	02/09/94	United Kingdom					
	205	JP 7171173	06/04/96	Japan					
	206	JP 8141070	08/06/96	Japan					

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. MVMDINC.019A

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FILING DATE GROUP February 4, 2004 3761

				FOREIGN PATENT DOCUMENTS				
EXAMINER		DOCUMENT NUMBER	DATE	COUNTRY	CLASS SUBCLASS TRANS		TRANSLATION	
INITIAL							YES	NO
	207	JP 8196623	08/06/96	Japan				
	208	WO 85/03857	09/12/85	PCT				
	209	WO 89/01767	03/09/89	PCT				
	210	WO 90/14796	12/13/90	PCT			A**-	
•	211	WO 93/13712	07/22/93	PCT				
-	212	WO 93/14705	08/05/93	PCT				
•	213	WO 95/28885	11/02/95	PCT				
	214	WO 96/32882	10/24/96	PCT				
	215	WO 97/18762	05/29/97	PCT				
	216	WO 97/41779	11/13/97	PCT				
	217	WO 97/42878	11/20/97	PCT	ļ			
	218	WO 98/08462	03/05/98	PCT				
	219	WO 98/27868	07/02/98	PCT				
	220	WO 99/07289	02/18/99	PCT				
*	221	WO 99/18862	04/22/99	PCT				
/	222	WO 99/18864	04/22/99	PCT				
<i>[]</i>	223	WO 99/18871	04/22/99	PCT				
	224	WO 99/38454	08/05/99	PCT[
	225	WO 99/40849	08/19/99	PCT				
	226	WO 00/56376	09/28/00	PCT	<u></u>			
	227	WO 00/69365	11/23/00	PCT			1-1-	
_	228	WO 01/17435	03/15/01	PCT				
	229	WO 01/21246	03/29/01	PCT				
	230	WO 01/30267	05/03/01	РСТ				
	231	WO 02/098298	12/12/02	PCT				
	232	WO 02/32496	04/25/02	PCT				

EXAMINER	

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

SHEET 10 OF 1	
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY, DOCKET NO. MVMDINC.019A	APPLICATION NO. 10/771,845
	DISCLOSURE STATEMENT Y APPLICANT	APPLICANT Frazier et al.	
(USE SEVERAL	SHEETS IF NECESSARY)	FILING DATE February 4, 2004	GROUP 3761

				FOREIGN PATENT DOCUMENTS	,,			
EXAMINER		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS	LATION
INITIAL							YES	NO
	233	WO 02/38051	05/16/02	PCT				
	234	WO 03/103476 A2	12/18/03	PCT				

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